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IN THE PATENT AND TRADEMARK OFFICE

In re Applicant:

CHING-WU CHU

Serial No.: 032,041

Filed: March 26, 1987

For: SUPERCONDUCTIVITY IN
SQUARE-PLANAR COMPOUND
SYSTEMS

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Group Art Unit: 111

AMENDMENT

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Please amend the above identified application as follows:

IN THE CLAIMS

Please amend claim 94 as follows:

94. (Amended) A crystalline single phase composition exhibiting zero electrical resistance at a temperature of 70°K or above, having the formula $LM_2Cu_3O_{6+d}$, wherein "L" is [Sc,] Y, La, [Ce, Pr,] Nd, Sm, Eu, Gd, [Tb,] Dy, Ho, Er, Tm, Yb, Lu, or mixtures thereof; "M" is Ba[, Sr or mixtures thereof]; and (d) has a value from 0.1 to about 4.5 and is a value that provides the composition with zero electrical resistance at a temperature of 70°K or above.

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REMARKS

The amendment herein offered is to conform the scope of claim 94 to "123" compositions which are beyond question operative superconductor compositions. This amendment to avoid the basis for the Examiner of Interferences' Order to Show Cause, is made without prejudice. The Party Chu does not waive his right to seek